

Portland

THE
PORTLAND CATALOGUE

OF

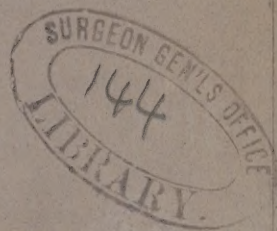
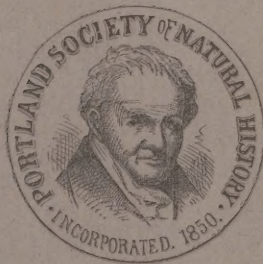
Maine Plants,

PUBLISHED BY THE

Portland Society of Natural History,

ADAPTED

FOR MARKING DESIDERATA IN EXCHANGE
OF SPECIMENS, &c.



PORTLAND:
TRANSCRIPT PRINT,
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EXPLANATION OF THE CATALOGUE.

THIS Catalogue is reprinted from the Proceedings of the Portland Society of Natural History, for which it was originally prepared by Dr. G. L. Goodale and Rev. Mr. Blake. The only changes made in it (with the exception of some added species) are in the omission of localities, and the division of the list, by which those species only which may be fairly regarded as indigenous are printed in the general statement, while all others are reserved for a separate enumeration in List A.

The present Catalogue will be found, it is believed, of essential service as a Check List; and as such the Portland Society wishes to give this edition a wide circulation among the Botanists, both old and young, of Maine. The Proceedings of the Society containing Dr. Goodale's List as published with localities, &c., can be obtained from the Society at a small cost, as is stated in the advertisement upon the third page of this cover.

Notwithstanding the scientific eminence of Messrs. Goodale and Blake, and the facilities for observation furnished in the partial surveys of the State already made, it is felt that this Catalogue is, of necessity, quite incomplete. The Portland Society promises an edition of more elaborate form, with the addition of localities, rarity or common occurrence of species, &c., as soon as sufficient materials can be gathered to warrant its publication. For this purpose, it is earnestly requested that every botanist into whose hands this pamphlet may fall, will note the occurrence of species, with station, &c., of every plant collected or observed by him in Maine, and from time to time forward his notes to the Society at Portland. Due credit will be given in any future edition for every statement or specimen. As the Society, since the great fire of 1866, has no Herbarium, every collector of plants is urged to send as many specimens as may be possible as a contribution towards a new collection. Previous to 1866, almost every species in this Catalogue was represented by one or more authenticated specimens in the Society Cabinet. Much can be done the present season (1868) towards repairing the loss, if the various students of Botany in the State will unite in the attempt to do something to promote this work.

The Society will thankfully receive specimens of Mosses, Hepaticae, Lichens, and other Cryptogams not represented in this Catalogue, from any part of the State, with a view to work up such material in a future edition.

It is only to be added that the arrangement of species and the abbreviations in this Catalogue are in agreement with Prof. Asa Gray's Botany of the Northern United States.

PORTLAND, April, 1868.

PORTLAND CATALOGUE OF MAINE PLANTS.

INDIGENOUS.

RANUNCULACEÆ.

- ATRAGENE, L.
1 *Americana*, Sims.
CLEMATIS, L.
2 *Virginiana*, L.
ANEMONE, L.
3 *parviflora*, Michx.
4 *Virginiana*, L.
5 *Pennsylvanica*, L.
6 *nemorosa*, L.
HEPATICA, DILL.
7 *triloba*, Chaix.
8 *acutiloba*, DC.
THALICTRUM, TOURN.
9 *anemonoides*, Michx.
10 *dicicum*, L.
11 *Cornuti*, L.
RANUNCULUS, L.

- aquatilis*, L.
12 *var. divaricatus*.
13 *Purshii*, Richards.
14 *alismæfolius*, G. & B.
Flammula, L.,
15 *var. reptans*.
16 *Cymbalaria*, Pursh.
17 *abortivus*, L.
18 *sceleratus*, L.
19 *recurvatus*, Poir.
20 *Pennsylvanicus*, L.
21 *fascicularis*, Muhl.
22 *repens*, L.
23 *bulbosus*, L.
24 *acris*, L.

- CALTHA, L.
25 *palustris*, L.
TROLLIUS, L.
26 *laxus*, Salisb.
COPTIS, SALISB.
27 *trifolia*, Salisb.
AQUILEGIA, TOURN.
28 *Canadensis*, L.
ACTEA, L.
29 *spicata*, L.,
30 *var. alba*, Mx.
31 *var. rubra*, Mx.
CIMICIFUGA, L.
32 *racemosa*, Ell.

MENISPERMACEÆ

- MENISPERMUM, L.
33 *Canadense*, L.

BERBERIDACEÆ.

- BERBERIS, L.
34 *vulgaris*, L.

- CAULOPHYLLUM, Mx.
35 *thalictroides*, Mx.

CABOMBACEÆ.

- BRASENIA, SCHREBER.
36 *peltata*, Pursh.

NYMPHACEÆ.

- NYMPHÆA, TOURN.
37 *odorata*, Ait.
NUPHAR, SMITH.
38 *advena*, Ait.
39 *Kalmiana*, Pursh.

SARRACENIACEÆ.

- SARRACENIA, TOURN.
40 *purpurea*, L.

PAPAVERACEÆ.

- SANGUINARIA, DILL.
41 *Canadensis*, L.

FUMARIACEÆ.

- ADLUMIA, RAF.
42 *cirrhusa*, Raf.
DICENTRA, BORK.
43 *Cucullaria*, DC.
44 *Canadensis*, DC.
CORYDALIS, VENT.
45 *glauca*, Pursh.

CRUCIFERÆ.

- NASTURTIUM, R. BR.
46 *palustre*, DC.
DENTARIA, L.
47 *diphylla*, L.
CARDAMINE, L.
48 *rhomboidea*, DC.
49 *hirsuta*, L.
ARABIS, L.
50 *lyrata*, L.
51 *hirsuta*, Scop.
52 *lævigata*, DC.
53 *Canadensis*, L.
TURRITIS, DILL.
54 *glabra*, L.
BARBAREA, R. BR.
vulgaris, R. Br.
55 *var. arcuata*.

- DRABA, L.
56 *arabisans*, Mx.
LEPIDIUM, L.
57 *Virginicum*, L.
SUBULARIA, L.
58 *aquatica*, L.

- CAKILE, TOURN.
59 *Americana*, Nutt.

VIOLACEÆ.

- VIOLA, L.
60 *rotundifolia*, Mx.
61 *lanceolata*, L.
62 *primulæfolia*, L.
63 *blanda*, Willd.
64 *Selkirkii*, Goldie.
cucullata, Ait.
65 *var. palmata*.
66 *sagittata*, Ait.
67 *pedata*, L.
68 *rostrata*, Pursh.
69 *Muhlenbergii*, Torr.
70 *striata*, Ait.
71 *Canadensis*, L.
72 *pubescens*, Ait.

CISTACEÆ.

- HELIANTHEMUM, TOURN.
73 *Canadense*, Michx.
HUDSONIA, L.
74 *ericoides*, L.
75 *tomentosa*, Nutt.
LECHEA, L.
76 *major*, Michx.
77 *thymifolia*, Pursh.
78 *minor*, Lam.

DROSERACEÆ.

- DROSERA, L.
79 *rotundifolia*, L.
80 *longifolia*, L.
81 *filiformis*, Raf.

PARNASSIACEÆ.

- PARNASSIA TOURN.
82 *Caroliniana*, Michx.

HYPERICACEÆ.

- HYPERICUM, L.
83 *corymbosum*, Muhl.
84 *ellipticum*, Hook.
85 *mutilum*, L.
86 *Canadense*, L.
87 *Sarothra*, Michx.
ELODEA, PURSH.
88 *Virginica*, Nutt.

ELATINACEÆ.

- ELATINE, L.
89 *Americana*, Arnott.

CARYOPHYLLACEÆ.

- SILENE, L.
 90 *Pennsylvanica*, Mich.
 91 *antirrhina*, L.
 92 *acaulis*, L.
 HONKENYA, ERHART.
 93 *peplodes*, Ehrhart.
 ALSINE, WAHL.
 94 *Grœnlandica*, Fenzl.
 95 *Michauxii*, Fenzl.
 MœHRINGIA, L.
 96 *lateriflora*, L.
 STELLARIA, L.
 101 *longifolia*, Muhl.
 98 *longipes*, Goldie.
 99 *borealis*, Bigelow.
 CERASTIUM, L.
 100 *arvense*, L.
 SAGINA, L.
 101 *procumbens*, L.
 102 *nodosa*, Fenzl.
 SPERGULARIA, PERS.
 103 *rubra*, Pers.
 ANYCHIA, MICHX.
 104 *dichotoma*, Michx.
 MOLLUGO, L.
 105 *verticillata*, L.

PORTULACACEÆ.

- CLAYTONIA, L.
 106 *Virginica*, L.
 107 *Caroliniana*, Mx.

MALVACEÆ.

- HIBISCUS, L.
 108 *Moscheutos*, L.

TILIACEÆ.

- TILIA, L.
 109 *Americana*, L.

LINACEÆ.

- LINUM, L.
 110 *Virginianum*, L.

OXALIDACEÆ.

- OXALIS, L.
 111 *Acetosella*, L.
 112 *violacea*, L.
 113 *stricta*, L.

GERANIACEÆ.

- GERANIUM, L.
 114 *maculatum*, L.
 115 *Carolinianum*, L.
 116 *Robertianum*, L.

BALSAMINACEÆ.

- IMPATIENS, L.
 117 *pallida*, Nutt.
 118 *ulva*, Nutt.

RUTACEÆ.

- ZANTHOXYLUM, COLDEN.
 119 *Americanum*, Mill.

ANACARDIACEÆ.

- RHUS, L.
 120 *typhina*, L.
 121 *glabra*, L.
 122 *copallina*, L.
 123 *venenata*, DC.
 124 *Toxicodendron*, L.

VITACEÆ.

- VITIS, TOURN.
 125 *Labrusca*, L.
 126 *œstivalis*, Michx.
 127 *cordifolia*, Michx.
 AMPELOPSIS, MICHX.
 128 *quinquefolia*, Michx.

RHAMNACEÆ.

- RHAMNUS, TOURN.
 129 *alnifolius*, L'Her.
 CEANOTHUS, L.
 130 *Americanus*, L.

CELASTRACEÆ.

- CELASTRUS, L.
 131 *scandens*, L.

SAPINDACEÆ.

- STAPHYLEA, L.
 132 *trifolia*, L.

ACERINÆ.

- ACER, TOURN.
 133 *Pennsylvanicum*, L.
 134 *spicatum*, Lam.
 saccharinum, Wang.
 135 *var. nigrum*.
 136 *dasy carpum*, Ehrhart.
 137 *rubrum*, L.

POLYGALACEÆ.

- POLYGALA, TOURN.
 138 *sanguinea*, L.
 139 *cruciata*, L.
 140 *verticillata*, L.
 141 *polygama*, Walt.
 142 *paucifolia*, Willd.

LEGUMINOSÆ.

- LUPINUS, TOURN.
 143 *perennis*, L.
 CROTALLARIA, L.
 144 *sagittalis*, L.
 TRIFOLIUM, L.
 145 *repens*, L.
 TEPHROSIA, PERSOON.
 146 *Virginiana*, Pers.
 OXYTROPIS, L.
 147 *Lamberti*, H.
 ASTRAGALUS, L.
 148 *pinus*, L.

- 149 *Robbinsii*, Gray.
 HEDYSARUM, TOURN.
 150 *boreale*, Nutt.
 DESMODIUM, DC.
 151 *nudiflorum*, DC.
 152 *acuminatum*, DC.
 153 *rotundifolium*, DC.
 154 *cuspidatum*, Torr.
 155 *Dillenii*, Darlington.
 156 *paniculatum*, DC.
 157 *Canadense*, DC.
 158 *Marilandicum* Boott
 LESPEDEZA, MICHX.
 159 *procumbens*, Mx.
 160 *violacea*, Pers.
 161 *hirta*, Ell.
 162 *capitata*, Michx.
 VICIA, TOURN.
 163 *Cracca*, L.
 164 *Caroliniana*, Walt.
 LATHYRUS, L.
 165 *maritimus*, Bigelow.
 166 *palustris*, L.
 PHASEOLUS, L.
 167 *diversifolius*, Pers.
 APIOS, BOERH.
 168 *tuberosa*, Mœnch.
 AMPHICARPÆA, Ell.
 169 *monoica*, Nutt.
 BAPTISIA, VENT.
 170 *tinctoria*, R. Br.
 CASSIA, L.
 171 *Marilandica*, L.
 172 *Chamæcrista*, L.
 173 *nictitans*, L.

ROSACEÆ.

- PRUNUS, L.
 174 *Americana*, Marsh.
 175 *maritima*, Wang.
 176 *pumila*, L.
 177 *Pennsylvanica*, L.
 178 *Virginiana*, L.
 179 *sérötina*, Ehrhart.
 SPIRÆA, L.
 180 *salicifolia*, L.
 181 *tomentosa*, L.
 AGRIMONIA, TOURN.
 182 *Eupatoria*, L.
 SANGUISORBA, L.
 183 *Canadensis*, L.
 GEUM, L.
 184 *album*, Gmelin.
 185 *Virginianum*, L.
 186 *macrophyllum*,
 Willd.
 187 *strictum*, Ait.
 188 *rivale*, L.
 189 *triflorum*, Pursh.
 WALDSTEINIA, Willd.
 190 *fragarioides*, Tratt.
 POTENTILLA, L.
 191 *Norvegica*, L.
 192 *Canadensis*, L.
 193 *argentea*, L.

- 194 *Pennsylvanica*, L.
 195 *arguta*, Pursh.
 196 *Anserina*, L.
 197 *fruticosa*, L.
 198 *tridendata*, Ait.
 199 *palustris*, Scop.
FRAGARIA, TOURN.
 200 *Virginiana*, Ehrhart.
 201 *vesca*, L.
DALIBARDA, L.
 202 *repens*, L.
RUBUS, L.
 203 *odoratus*, L.
 204 *Chamæmorus*, L.
 205 *triflorus*, Richardson.
 206 *strigosus*, Michx.
 207 *occidentalis*, L.
 208 *villosus*, Ait.
 209 *Canadensis*, L.
 210 *hispidus*, L.
ROSA, TOURN.
 211 *Carolina*, L.
 212 *lucida*, Ehrhart.
CRATÆGUS, L.
 213 *coccinea*, L.
 214 *tomentosa*, L.
 215 *Crus-galli*, L.
PYRUS, L.
 216 *arbutifolia*, L.
 217 *Americana*, DC.
AMELANCHIER, MEDIK.
 218 *Canadensis*.
 219 *var. a. Botryapium*.
 220 *var. b. oblongifolia*.
 221 *var. c. oligocarpa*.
MELASTOMACEÆ.
RHEXIA, L.
 222 *Virginica*, L.
LYTHRACEÆ.
LYTHRUM, L.
 223 *Salicaria*, L.
NESÆA, JUSSIEU.
 224 *verticillata*, H. B. K.
ONAGRACEÆ.
EPILOBIUM, L.
 225 *angustifolium*, L.
 226 *alpinum*, L.
palustre, L.
 227 *var. b. lineare*, Gray.
 228 *coloratum*, Muhl.
ENOTHERA, L.
 229 *biennis*, L.
 230 *var. a. muricata*, Gr.
 231 *var. d. cruciata*, Gr.
 232 *pumila*, L.
LUDWIGIA, L.
 233 *alternifolia*, L.
 234 *palustris*, Ell.
CIRCÆA, TOURN.
 235 *alpina*, L.
 236 *Lutetiana*, L.
PROSERPINACA, L.
 237 *palustris*, L.
 238 *pectinacea*, Lam.
MYRTOPHYLLUM, VAILL.
 239 *spicatum*, L.
 240 *verticillatum*, L.
 241 *ambiguum*, Nutt.
 242 *tenellum*, Bigelow.
HIPPURIS, L.
 243 *vulgaris*, L.
GROSSULACEÆ.
RIBES, L.
 244 *Cynosbati*, L.
 245 *hirtellum*, Michx.
 246 *lacustre*, Poir.
 247 *prostratum*, L'Her.
 248 *floridum*, L.
 249 *rubrum*, L.
CRASSULACEÆ.
PENTHORUM, GRONOV.
 250 *sedoides*, L.
SAXIFRAGACEÆ.
SAXIFRAGA, L.
 251 *Virginiana*, Michx.
 252 *Pennsylvanica*, L.
stellaris, L.
 253 *var. comosa*, Willd.
MITELLA, TOURN.
 254 *diphylla*, L.
 255 *nuda*, L.
TIARELLA, L.
 256 *cordifolia*, L.
CHRYSOSPLENIUM, TOURN.
 257 *Americanum*, Schwein.
HAMAMELACEÆ.
HAMAMELIS, L.
 258 *Virginica*, L.
UMBELLIFERÆ.
HYDROCOTYLE, TOURN.
 259 *Americana*, L.
SANICULA, TOURN.
 260 *Canadensis*, L.
 261 *Marilandica*, L.
HERACLEUM, L.
 262 *lanatum*, Michx.
ARCHANGELICA, HOFFM.
 263 *atropurpurea*, Hoffm.
 264 *perègrina*, Nutt.
LIGUSTICUM, L.
 265 *Scoticum*, L.
THASPIUM, NUTT.
aureum, Nutt.
 266 *var. apterum*.
ZIZIA, DC.
 267 *integerrima*, DC.
CICUTA, L.
 268 *maculata*, L.
 269 *bulbifera*, L.
Sium, L.
 270 *lineare*, Michx.
CRYPTOTÆNIA, DC.
 271 *Canadensis*, DC.
OSMORRHIZA, RAF.
 272 *longistylis*, DC.
 273 *brevistylis*, DC.
ARALIACEÆ.
ARALIA, TOURN.
 274 *racemosa*, L.
 275 *hispida*, Michx.
 276 *nudicaulis*, L.
 277 *quinquefolia*, Gray.
 278 *trifolia*, Gray.
CORNACEÆ.
CORNUS, TOURN.
 279 *Canadensis*, L.
 280 *florida*, L.
 281 *circinata*, L'Her.
 282 *sericea*, L.
 283 *stolonifera*, Michx.
 284 *paniculata*, L'Her.
 285 *alternifolia*, L.
NYSSA, L.
 286 *multiflora*, Wang.
CAPRIFOLIACEÆ.
LINNEA, GRONOV.
 287 *borealis*, Gronov.
LONICERA, L.
 288 *parviflora*, Lam.
 289 *hirsuta*, Eaton.
 290 *ciliata*, Muhl.
 291 *cærulea*, L.
DIERVILLA, TOURN.
 292 *trifida*, Moench.
TRIOSTEUM, L.
 293 *perfoliatum*, L.
SAMBUCUS, TOURN.
 294 *Canadensis*, L.
 295 *pubens*, Michx.
VIBURNUM, L.
 296 *nudum*, L.
 297 *Lentago*, L.
 298 *dentatum*, L.
 299 *acerifolium*, L.
 300 *pauciflorum*, Pylaie.
 301 *Opulus*, L.
 302 *lantanoides*, Michx.
RUBIACEÆ.
GALIUM, L.
 303 *Aparine*, L.
 304 *aprellum*, Michx.
 305 *trifidum*, L.
 306 *triflorum*, Michx.
 307 *circæans*, Michx.
 308 *lanceolatum*, Torr.
 309 *latifolium*, Michx.
 310 *boreale*, L.
CEPHALANTHUS, L.
 311 *occidentalis*, L.
MITCHELLA, L.
 312 *repens*, L.
OLDENLANDIA, L.

- purpurea*, Gray.
 313 *var. longifolia*.
 314 *cærulea*, Gray.

COMPOSITÆ.

VERNONIA, SCHREBER.

- 315 *Noveboracensis*,
Willd.

LIATRIS, SCHREBER.

- 316 *scariosa*, Willd.

EUPATORIUM, TOURN.

- 317 *purpureum*, L.
 318 *perfoliatum*, L.
 319 *ageratoides*, L.

NARDOSMIA, CASS.

- 320 *palmata*, Hook.

SERICOCARPUS, NEES.

- 321 *solidagineus*, Nees,
 322 *conyzoides*, Nees.

ASTER, L.

- 323 *corymbosus*, Ait.
 324 *macrophyllus*, L.
 325 *Radula*, Ait.
 326 *patens*, Ait.
 327 *lævis*, L. both varieties
 328 *undulatus*, L.
 329 *cordifolius*, L.
 330 *multiflorus*, Ait.
 331 *dumosus*, L.
 332 *Tradescanti*, L.
 333 *miser*, L.
 334 *simplex*, Willd.
 335 *carneus*, Nees.
 336 *longifolius*, Lam.
 337 *puniceus*, L.
 338 *Novæ-Angliæ*, L.
 339 *acuminatus*, Michx.
 340 *nemoralis*, Ait.
 341 *flexuosus*, Nutt.
 342 *linifolius*, L.

ERIGERON, L.

- 343 *Canadense*, L.
 344 *bellidifolium*, Muhl.
 345 *Philadelphicum*, L.
 346 *annuum*, Pers.
 347 *strigosum*, Muhl.

DIPLOPAPPUS, CASS.

- 348 *linariifolius*, Hook.
 349 *umbellatus*, T. and G.

SOLIDAGO, L.

- 350 *squarrosa*, Muhl.
 351 *bicolor*, L.
 352 *latifolia*, L.
 353 *cæsia*, L.
 354 *puberula*, Nutt.
 355 *stricta*, Ait.
 356 *speciosa*, Nutt.
Virga-aurea, L.
 357 *var. alpina*, Bigelow.
 358 *var. humilis*, Gray.
 359 *thyrsoides*, E. Meyer
 360 *sempervirens*, L.
 361 *neglecta*, T. and Gr.
 362 *patula*, Muhl.
 363 *arguta*, Ait.

- 364 *altissima*, L.

- 365 *ulmifolia*, Muhl.

- 366 *odora*, Ait.

- 367 *nemoralis*, Ait.

- 368 *Canadensis*, L.

- 369 *serotina*, Ait.

- 370 *gigantea*, Ait.

- 371 *lanceolata*, L.

AMBROSIA, TOURN.

- 372 *trifida*, L.

- 373 *artemisifolia*, L.

XANTHIUM, TOURN.

- strumarium*, L.

- 374 *var. echinatum*,
Gray.

HELIOPSIS, PERSOON.

- 375 *lævis*, Pers.

RUDBECKIA, L.

- 376 *laciniata*, L.

HELIANTHUS, L.

- 377 *giganteus*, L.

- 378 *strumosus*, L.

- 379 *divaricatus*, L.

- 380 *decapetalus*, L.

BIDENS, L.

- 381 *frondosa*, L.

- 382 *cernua*, L.

- 383 *chrysanthemoides*,
Michx.

ACHILLEA, L.

- 384 *Millefolium*, L.

TANACETUM, L.

- 385 *Huronense*, Nutt.

ARTEMISIA, L.

- 386 *borealis*, Pallas.

- 387 *caudata*, Michx.

GNAPHALUM, L.

- 388 *decurrens*, Ives.

- 389 *polycephalum*,
Michx.

- 390 *uliginosum*, L.

- 391 *purpureum*, L.

ANTENNARIA, GÆRTN.

- 392 *margaritacea*, R. Br.

- 393 *plantaginifolia*,
Hood.

ERECTHITES, RAF.

- 394 *hieracifolia*, Raf.

SENECIO, L.

- 395 *aureus*, L.

ARNICA, L.

- 396 *mollis*, Hooker.

CIRSIIUM, TOURN.

- 397 *discolor*, Sprengel.

- 398 *muticum*, Michx.

KRIGIA, SCHREBER.

- 399 *Virginica*, Willd.

HIERACIUM, TOURN.

- 400 *Canadense*, Michx.

- 401 *scabrum*, Mx.

- 402 *venosum*, L.

- 403 *paniculatum*, L.

NABALUS, CASS.

- 404 *albus*, Hook.

- 405 *altissimus*, Hook.

- 406 *nanus*, DC.

- 407 *Boottii*, DC.

- 408 *racemosus*, Hook.

TAXUS, CUM. HAUPT.

- 409 *Dens-leonis*, Desf.

LACTUCA, TOURN.

- 410 *elongata*, Muhl.

MULGEDIUM, CASS.

- 411 *leucophæum*, DC.

LOBELIACEÆ.

LOBELIA, L.

- 412 *cardinalis*, L.

- 413 *syphilitica*, L.

- 414 *inflata*, L.

- 415 *spicata*, Lam.

- 416 *Kalmii*, L.

- 417 *Dortmanna*, L.

CAMPANULACEÆ.

CAMPANULA, TOURN.

- 418 *rotundifolia*, L.

- 419 *aparinoides*, Pursh.

SPECULARIA, HEIST.

- 420 *perfoliata*, A. DC.

ERICACEÆ.

CALLUNA.

- 421 *vulgaris*, L.

GAYLUSSACIA, H. B. & K.

- 422 *dumosa*, T. and G.

- 423 *frondosa*, T. and G.

- 424 *resinosa*, T. and G.

VACCINIUM, L.

- 425 *Oxycoccus*, L.

- 426 *macrocarpon*, Ait.

- 427 *Vitis-Idæa*, L.

- 428 *stamineum*, L.

- 429 *uliginosum*, L.

- 430 *Pennsylvanicum*,
Lam.

- 431 *Canadense*, Kalm.

- 432 *corymbosum*, L.

CHIOGENES, SALISB.

- 433 *hispidula*, T. and G.

ARCTOSTAPHYLOS, ADANS.

- 434 *Uva-ursi*, Sprengel.

- 435 *alpina*, Sprengel.

EPIGEA, L.

- 436 *repens*, L.

GAULTHERIA, KALM.

- 437 *procumbens*, L.

LEUCOTHOE, DON.

- 438 *racemosa*, Gray.

CASSANDRA, DON.

- 439 *calyculata*, Don.

CASSIOPE, DON.

- 440 *hypnoides*, Don.

ANDROMEDA, J. (cum aliis.)

- 441 *polifolia*, L.

- 442 *ligustrina*, Muhl.

OLETHRA, L.

- 443 *alnifolia*, L.

PHYLLODOCE, SALISB.

444 *taxifolia*, *Salisb.*
KALMIA, L.

445 *latifolia*, L.
446 *angustifolia*, L.
447 *glaucæ*, *Ait.*

AZALEA, L.

448 *viscosa*, L.
449 *nudiflora*, L.

RHODODENDRON, L.

450 *maximum*, L.
451 *Lapponicum*, *Wahl.*

RHODORA, DUHAM.

452 *Canadensis*, L.

LEDUM, L.

453 *latifolium*, *Ait.*

LOISELEURIA, DESV.

454 *procumbens*, *Desv.*

PYROLA, L.

455 *rotundifolia*, L.
456 *elliptica*, *Nutt.*
457 *chloanthæ*, *Swartz.*
458 *secunda*, L.
459 *minor*, L.

MONESSES, SALISB.

460 *uniflora*, *Gray.*

CHIMAPHILA, PURSH.

461 *umbellata*, *Nutt.*

462 *maculata*, *Pursh.*

MONOTROPA, L.

463 *uniflora*, L.

464 *Hypopitys*, L.

AQUIFOLIACEÆ.

ILEX, L.

465 *opaca*, *Ait.*
466 *verticillata*, *Gray.*
467 *lævigata*, *Gray.*

NEMOPANTHES, RAF.

468 *Canadensis*, *DC.*

PLANTAGINACEÆ.

PLANTAGO, L.

469 *maritima*, L.

470 *Virginica*, L.

PLUMBAGINACEÆ.

STATICE, TOURN.

471 *Limonium*, L.

472 *var. Caroliniana*, *Gr.*

PRIMULACEÆ.

TRIENTALIS, L.

473 *Americana*, *Pursh.*

LYSIMACHIA, L.

474 *stricta*, *Ait.*

475 *quadrifolia*, L.

476 *ciliata*, L.

477 *lanceolata*, *Walt.*

NAUMBURGIA, MENCH.

478 *thyrsiflora*, *Reich.*

GLAUX, L.

479 *maritima*, L.

SAMOLUS, L.

Valerandi, L.

480 *var. Americanus*, *Gray.*

HOTTONIA, L.

481 *inflata*, *Ell.*

LENTIBULACEÆ.

UTRICULARIA, L.

482 *inflata*, *Walt.*

483 *vulgaris*, L.

484 *clandestina*, *Nutt.*

485 *purpurea*, *Walt.*

486 *resuspinata*, *Greene.*

487 *cornuta*, *Michx.*

OROBANCHACEÆ.

EPIPEGHUS, NUTT.

488 *Virginiana*, *Bart.*

CONOPHOLIS, WALLR.

489 *Americana*, *Walt.*

APHYLLON, MITCHELL.

490 *uniflorum*, *T. & G.*

SCROPHULARIACEÆ.

LINARIA, TOURN.

491 *Canadensis*, *Sprengel.*

SCROPHULARIA, TOURN.

492 *nodosa*, L.

CHELONE, TOURN.

493 *glabra*, L.

MIMULUS, L.

494 *ringens*, L.

GRATIOLA, L.

495 *Virginiana*, L.

496 *aurea*, *Muhl.*

GLYCYNTHE, RAF.

497 *gratioloides*, *Benth.*

LIMOSELLA, L.

aquatica, L.

498 *var. tenuifolia*, *Hoffm.*

VERONICA, L.

499 *Anagallis*, L.

500 *Americana*, *Schwein.*

501 *scutellata*, L.

502 *officinalis*, L.

503 *serpyllifolia*, L.

504 *peregrina*, L.

GERARDIA, L.

505 *purpurea*, L.

506 *maritima*, *Raf.*

507 *tenuifolia*, *Vahl.*

508 *quercifolia*, *Pursh.*

509 *pedicularia*, L.

CASTILLEJA, MUTIS.

510 *coccinea*, *Sprengel.*

511 *septentrionalis*, *Lindl.*

RHINANTHUS, L.

512 *Crista-galli*, L.

PEDICULARIS, TOURN.

513 *Canadensis*, L.

MELAMPYRUM, TOURN.

514 *Americanum*, *Michx.*

VERBENACEÆ.

VERBENA, L.

515 *hastata*, L.

516 *urticifolia*, L.

PHYRYMA, L.

517 *Leptostachya*, L.

LABIATÆ.

TEUCRUM, L.

518 *Canadense*, L.

ERICHOSTEMA, L.

519 *dichotomum*, L.

ISANTHUS, MICHX.

520 *cæruleus*, *Mc.*

MENTHA, L.

521 *Canadensis*, L.

LYCOPUS, L.

522 *Virginicus*, L.

Europæus, L.

523 *var. sinuatus*, *Benth.*

PYCNANTHEMUM, MICHX.

524 *incanum*, *Michx.*

525 *muticum*, *Pers.*

526 *lanceolatum*, *Pursh.*

HEDEOMA, PERS.

527 *pulegioides*, *Pers.*

COLLINSIA, L.

528 *Canadensis*, L.

MONARDA, L.

529 *didyma*, L.

PHYSOSTEGIA, BENTH.

530 *Virginiana*, *Benth.*

BRUNELLA, TOURN.

531 *vulgaris*, L.

SCUTELLARIA, L.

532 *galericulata*, L.

533 *lateriflora*, L.

STACHYS, L.

534 *palustris*, L.

BORRAGINACEÆ.

MERTENSIA, ROTH.

535 *maritima*, *Don.*

MYOSOTIS, L.

palustris, *With.*

536 *var. laxa*, *Lehm.*

CYNOGLOSSUM, TOURN.

537 *Morisoni*, *DC.*

HYDROPHYLLACEÆ.

HYDROPHYLLUM, L.

538 *Virginicum*, L.

POLEMONIACEÆ.

DIAPENSIA, L.

539 *Lapponica*, L.

CONVOLVULACEÆ.

CALYSTEGIA, R. BR.

540 *sepium*, *R. Br.*

541 *siphamea*, *Pursh.*

CUSCUTA, TOURN.

542 *Gronovii*, *Willd.*

SOLANACEÆ.

PHYSALIS, L.

543 *viscosa*, L.

GENTIANACEÆ.

- SABBATIA, ADANS.
 544 *stellaris*, Pursh.
 HALENIA, BORKH.
 545 *deflexa*, Griseb.
 GENTIANA, L.
 546 *crinita*, Frœl.
 547 *Andrewsii*, Griseb.
Saponaria, L.
 548 *var. linearis*, Gray.
 BARTONIA, MUHL.
 549 *tenella*, Muhl.
 MENYANTHES, TOURN.
 550 *trifoliata*, L.
 LIMNANTHEMUM, Gmelin.
 551 *lacunosum*, Griseb.

APOCYNACEÆ.

- APOCYNUM, TOURN.
 552 *androsæmifolium* L.
 553 *cannabinum*, L.

ASCLEPIADACEÆ.

- ASCLEPIAS, L.
 554 *Cornuti*, Decaisne.
 555 *phytolaccoides*,
Pursh.
 556 *quadrifolia*, Jacq.
 557 *obtusifolia*, Mx.
 558 *incarnata*, L.
 559 *tuberosa*, L.
 560 *verticillata*, L.

OLEACEÆ.

- FRAXINUS, TOURN.
 561 *Americana*, L.
 562 *pubescens*, Lam.
 563 *viridis*, Michx. *filix*.
 564 *sambucifolia*, Lam.

**ARISTOLOCHI-
ACEÆ.**

- ASARUM, TOURN.
 565 *Canadense*, L.

PHYTOLACCACEÆ.

- PHYTOLACCA, TOURN.
 566 *decandra*, L.

CHENOPODIACEÆ.

- BLITUM, TOURN.
 567 *maritimum*, Nutt.
 ATRIplex, TOURN.
 568 *hastata*, L.
 SALICORNIA, TOURN.
 569 *herbacea*, L.
 570 *mucronata*, Bigelow.
 571 *ambigua*, Michx.
 CHENOPODIA, Moquin.
 572 *maritima*, Moquin.
 SALSOLA, L.
 573 *Kali*, L.

POLYGONACEÆ.

- POLYGONUM, L.
 574 *amphibium*, L.
 575 *Pennsylvanicum*, L.
 576 *Careyi*, Olney.
 577 *acre*, H. B. K.
 578 *hydropiperoides*,
Michx.
aviculare, L.
 579 *var. erectum*, Roth.
 580 *var. littorale*, Link.
 581 *tenue*, Michx.
 582 *articulatum*, L.
 583 *Virginianum*, L.
 584 *arifolium*, L.
 585 *sagittatum*, L.
 586 *cilinode*, Michx.
 587 *dumetorum*, L.
 RUMEX, L.
 588 *verticillatus*, L.
 589 *salicifolius*, Weinman
Hydrolapathum,
Huds.
 590 *var. Americanum*,
Gr.

LAURACEÆ.

- SASSAFRAS, NEES.
 591 *officinale*, Nees.
 BENZOIN, NEES.
 592 *odoriferum*, Nees.

THYMELACEÆ.

- DIRCA, L.
 593 *palustris*, L.

SANTALACEÆ.

- COMANDRA, NUTT.
 594 *umbellata*, Nutt.

SAURURACEÆ.

- SAURURUS, L.
 595 *cernuus*, L.

**CERATOPHYLLA-
CEÆ.**

- CERATOPHYLLUM, L.
 596 *demersum*, L.

CALLITRICHACEÆ.

- CALLITRICH, L.
 597 *verna*, L.

PODOSTEMACEÆ.

- PODOSTEMON, MICHX.
 598 *ceratophyllum*,
Michx.

EUPHORBIACEÆ.

- EUPHORBIA, L.
 599 *polygonifolia*, L.
 600 *maculata*, L.

- 601 *hypericifolia*, L.
 ACALYPHA, L.
 602 *Virginica*, L.

EMPETRACEÆ.

- EMPETRUM, TOURN.
 603 *nigrum*, L.
 COREMA, DON.
 604 *Conradii*, Torr.

URTICACEÆ.

- ULMUS, L.
 605 *Americana*, L.
 URTICA, TOURN.
 606 *gracilis*, Ait.
 LAPORTEA, GAUDICH.
 607 *Canadensis*, Gaudich.
 PILEA, LINDL.
 608 *pumila*, Gray.
 BEHMERIA, JACQ.
 609 *cylindrica*, Willd.
 HUMULUS, L.
 610 *Lupulus*, L.

PLATANACEÆ.

- PLATANUS, L.
 611 *occidentalis*, L.

JUGLANDACEÆ.

- JUGLANS, L.
 612 *cinerea*, L.
 CARYA, NUTT.
 613 *alba*, Nutt.
 614 *glabra*, Torr.
 615 *amara*, Nutt.

CUPULIFERÆ.

- QUERCUS, L.
 616 *alba*, L.
Prinus, L.
 617 *var. discolor*, Mr.
 618 *ilicifolia*, Wang.
 619 *tinctoria*, Bartram.
 620 *coccinea*, Wang.
 621 *rubra*, L.
 CASTANEA, TOURN.
 622 *vesca*, L.
 FAGUS, TOURN.
 623 *ferruginea*, Ait.
 CORYLUS, TOURN.
 624 *Americana*, Walt.
 625 *rostrata*, Ait.
 CARPINUS, L.
 626 *Americana*, Michx.
 OSTRYA, MICHEL.
 627 *Virginica*, Willd.

MYRICACEÆ.

- MYRICA, L.
 628 *Gale*, L.
 629 *cerifera*, L.
 COMPTONIA, SOLANDER.
 630 *asplenifolia*, Ait.

BETULACEÆ.

BETULA, TOURN.

alta, L.631 *var. populifolia*,*Spach.*632 *papyracea*, *Ait.*633 *excelsa*, *Ait.*634 *lenta*, L.635 *pumila*, L.636 *nana*, L.

ALNUS, TOURN.

637 *incana*, *Willd.*638 *serrulata*, *Ait.*639 *viridis*, *DC.*

SALICACEÆ.

SALIX, TOURN.

640 *candida*, *Willd.*641 *tristis*, *Ait.*642 *humilis*, *Marsh.*, and
varieties.643 *discolor*, *Muhl.*, and
varieties.644 *eriocephala*, *Michx.*645 *sericea*, *Marshall.*646 *cordata*, *Muhl.*647 *lucida*, *Muhl.*648 *pedicellaris*, *Pursh.*649 *Uva-ursi*, *Pursh.*650 *herbacea*, L.

POPULUS, TOURN.

651 *tremuloides*, *Mr.*652 *grandidentata*, *Mr.*653 *balsamifera*, L.654 *var. candicans*,
Gray.

CONIFERÆ.

PINUS, TOURN.

655 *Banksiana*, *Lamb.*656 *resinosa*, *Ait.*657 *rigida*, *Miller.*658 *Strobilus*, L.

ABIES, TOURN.

659 *balsamea*, *Marshall.*660 *Canadensis*, *Michx.*661 *nigra*, *Poir.*662 *alba*, *Michx.*

LARIX, TOURN.

663 *Americana*, *Michx.*664 *var. microcarpa*,
Lambt.

CUPRESSUS, TOURN.

665 *thyoides*, L.

JUNIPERUS, L.

666 *communis*, L.667 *Virginiana*, L.

TAXUS, TOURN.

baccata, L.668 *var. Canadensis*,
Willd.

ARACEÆ.

ARISÆMA, MARTIUS.

669 *triphyllum*, *Torr.*670 *Dracontium*, *Schott.*

PELTANDRA, RAF.

671 *Virginica*, *Raf.*

CALLA, L.

672 *palustris*, L.

SYMPLOCARPUS, SALISB.

673 *foetidus*, *Salisb.*

ACORUS, L.

674 *calamus*, L.

TYPNACEÆ.

TYPHA, TOURN.

675 *latifolia*, L.676 *var. angustata*.

SPARGANIUM, TOURN.

677 *eurycarpum*, *Eng.*678 *ramosum*, *H.*679 *simplex*, *H.**natans*, L.680 *var. affine*, *Fr.*

LEMNACEÆ.

LEMNA, L.

681 *minor*, L.

NAIADACEÆ.

NAIAS, L.

682 *flexilis*, *Rostk.*

ZOSTERA, L.

683 *mariua*, L.

RUPPIA, L.

684 *maritima*, L.

POTAMOGETON, TOURN.

685 *pectinatus*, L.686 *Robbinsii*, *Oakes.*687 *hybridus*, *Michx.*688 *pusillus*, L.689 *compressus*, L.690 *perfoliatus*, L.691 *prælongus*, *Wulf.*692 *lucens*, L.693 *var. fluitans*, *Roth.*694 *var. amplifolius*,
*Tuck.*695 *natans*, L.696 *heterophyllus*,
Schreber.

ALISMACEÆ.

TRIGLOCHIN, L.

697 *maritimum*, L.

SCHEUCHZERIA, L.

698 *palustris*, L.

ALISMA, L.

Plantago, L.699 *var. Americanum*.

SAGITTARIA, L.

700 *variabilis*, *Englm.*701 *var. latifolia*, *Willd.*702 *simplex*, *Pursh.*703 *calycina*, *Engl.*

HYDROCHARIDACEÆ.

ANACHARIS, RICH.

704 *Canadensis*, *Pl.*

VALLISNERIA, MICH.

705 *spiralis*, L.

ORCHIDACEÆ.

ORCHIS, L.

706 *spectabilis*, L.

GYMNADENIA, R. BR.

707 *tridentata*, *Lindl.*

PLATANTHEA, RICH.

708 *obtusata*, *Lindl.*709 *rotundifolia*, *Lindl.*710 *orbiculata*, *Lindl.*711 *Hookeri*, *Lindl.*712 *bracteata*, *Torr.*713 *hyperborea*, *Lindl.*714 *dilatata*, *Lindl.*715 *flava*, *Gray.*716 *blephariglottis*,
*Lindl.*717 *lacera*, *Gray.*718 *psycodes*, *Gray.*719 *fimbriata*, *Lindl.*

GOODYERA, R. BR.

720 *repens*, R. BR.721 *pubescens*, R. BR.

SPIRANTHES, RICH.

722 *gracilis*, *Bigelow.*723 *latifolia*, *Torr.*724 *cernua*, R.

LISTERA, R. BROWN.

725 *cordata*, R. BR.726 *convallarioides*,
Hooker.

ARETHUSA, GRONOV.

727 *bulbosa*, L.

POGONIA, JUSS.

728 *ophioglossoides*,
*Nutt.*729 *verticillata*, *Nutt.*

CALOPOGON, R. BR.

730 *pulchellus*, R. BR.

CALYPSO, SALISB.

731 *borealis*, *Salisb.*

MYCOSTYLIS, NUTT.

732 *monophyllos*, *Lindl.*

CORALLORRHIZA, HALLES.

733 *innata*, R. BR.734 *multiflora*, *Nutt.*

CYPRIPEDIUM, L.

735 *pubescens*, *Willd.*736 *spectabile*, *Swartz.*737 *acaule*, *Ait.*738 *arietinum*, R. BR.

HÆMODORACEÆ.

ALETRIS, L.

739 *farinosa*, L.

IRIDACEÆ.

IRIS, L.

740 *versicolor*, L.741 *Virginica*, L.

SISYRINCHIUM, L.

742 *Bermudiana*, L.

SMILACEÆ.

SMILAX, TOURN.

743 rotundifolia, L.

744 herbacea, L.

TRILLIUM, L.

745 cernuum, L.

746 erectum, L.

747 erythrocarpum,

Michx.

MEDEOLA, GRONOV.

748 Virginica, L.

LILIACEÆ.

POLYGONATUM, TOURN.

749 biflorum, Ell.

SMILACINA, DESF.

750 racemosa, Desf.

751 stellata, Desf.

752 trifolia, Desf.

MAIANTHEMUM, DESF.

753 bifolia, Ker.

CLINTONIA, RAF.

754 borealis, Raf.

ALLIUM, L.

755 Schœnoprasmum, L.

756 Canadense, Kalm.

LILIUM, L.

757 Philadelphicum, L.

758 Canadense, L.

759 superbum, L.

ERYTHRONIUM, L.

760 Americanum.

MELANTHACÆ.

UVULARIA, L.

761 perfoliata, L.

762 sessilifolia, L.

STREPTOPUS, MICHX.

763 amplexifolius, DC.

764 roseus, Michx.

VERATRUM, TOURN.

765 viride, Ait.

TOFIELDIA, HUDSON.

766 glutinosa, Willd.

JUNCACEÆ.

LUZULA DC.

767 pilosa, Willd.

parviflora, Desf.

768 var. melanocarpa.

769 campestris, DC.

770 spicata, Desvauz.

JUNCUS, L.

771 effusus, L.

772 filiformis, L.

773 Balticus, Willd.

774 scirpoides, Lam.

775 paradoxus, E. Meyer.

776 acuminatus, L.

777 militaris, Bigel.

778 nodosus, L.

779 Conradi, Tuckerman.

780 Stygius, L.

781 trifidus, L.

782 tenuis, Willdenow.

783 Greenii, O. and T.

784 bulbosus, L.

785 bufonius, L.

PONTEDERIACEÆ.

PONTEDERIA, L.

786 cordata, L.

CYPERACEÆ.

CYPERUS, L.

787 flavescens, L.

788 diandrus, Torr.

789 denatus, Torr.

790 filiculmis, Vahl.

DULICHIMUM, RICHARD.

791 spathaceum, Pers.

ELEOCHARIS, R. BROWN.

792 obtusa, Schultes.

793 palustris, R. Brown.

794 tenuis, Schultes.

795 acicularis, R. Brown

SCIRPUS, L.

796 pungens, Vahl.

797 lacustris, L.

798 maritimus, L.

799 sylvaticus, L.

800 var. atrovirens,

Muhl.

801 Eriophorum, Michx.

ERIOPHORUM, L.

802 alpinum, L.

803 virginicum, L.

804 vaginatum, L.

805 polystachyon, L.

806 gracile, Koch.

FIMBISTYLIS, VAHL.

807 autumnalis, Roem. & Schult.

RHYNCHOSPORA, VAHL.

808 alba, Vahl.

809 glomerata, Vahl.

CLADIUM, P. BROWNE.

810 mariscoides, Torr.

CAREX, L.

811 scirpoidea, Michx.

812 pauciflora, Lightfoot.

813 polytrichoides,

Muhl.

814 stipata, Muhl.

815 cephalophora, Muhl.

816 tenella, Schk.

817 trisperma, Dew.

818 canescens.

canescens, L.

819 var. vitilis, Fries.

820 Deweyana, Schw.

821 stellulata, Good.

822 scoparia, Schk.

823 adusta, Booth.

824 festuacea, Schk.

825 fœnea, Muhl.

826 straminea, Schk.

827 rigida, Good.

828 torta, Booth.

829 vulgaris, Fries.

830 aperta, Booth.

831 stricta, Lam.

832 var. strictior, Dew.

833 lenticularis, Michx.

834 maritima, Vahl.

835 crinita, Lam.

836 limosa, L.

837 irrigua, Smith.

838 pallescens, L.

839 gracillima, Schw.

840 virescens, Muhl.

841 laxiflora, Lam.

842 pedunculata, Muhl.

843 umbellata, Schk.

844 Novæ-Angliæ, Schw.

845 Pennsylvanica, Lam.

846 varia, Muhl.

847 lilifolia, Muhl.

848 scabrata, Schw.

849 areolata, Booth.

850 debilis, Michx.

851 flava, L.

852 Cæderi, Ehrh.

853 filiformis, L.

854 lacustris, Willd.

855 trichocarpa, Muhl.

856 comosa, Booth.

857 Pseudo-Cyperus, L.

858 tentaculata, Muhl.

859 intumescens, Rudge.

860 folliculata, L.

861 lupulina, Muhl.

862 vesicaria, L.

863 monile, Tuckerman.

864 ampullacea, Good.

865 cylindrica, Schw.

866 Houghtonii.

867 Norvegica, Schk.

GRAMINEÆ.

LEERSIA, SOLANDER.

868 oryzoides, Swartz.

ALOPECURUS, L.

869 aristulatus, Michx.

SPOROBOLUS, R. BROWNE.

870 serotinus, Gr.

AGROSTIS, L.

871 perennans, Tuck.

872 scabra, Willd.

canina, L.

873 var. alpina, Oakes.

874 vulgaris, With.

CINNA, L.

875 arundinacea, L.

MUHLENBERGIA, SCHREBER.

876 glomerata, Trin.

877 Mexicana, Trin.

878 sylvatica, T. and G. (?)

BRACHYELYTRUM, BEAUV.

879 aristatum, Beauv.

CALAMAGROSTIS, ADAMS.
 880 *Canadensis*, Beauv.
 881 *coarctata*, Torr.
 882 *arenaria*, Roth.

ORYZOPSIS, MICHX.
 883 *Canadensis*, Torr.

SPARTINA, SCHREBER.
 884 *polystachya*, Willd.
 885 *junceae*, Willd.
 886 *stricta*, Roth.

GLYCERIA, R. BROWNE.
 887 *obtusae*, Trin.
 888 *elongata*, Trin.
 889 *nervata*, Trin.
 890 *aquatica*, Smith.
 891 *fluitans*, R. Browne.
 892 *maritima*, Wahl.

BRIZOPYRUM, LINK.
 893 *spicatum*, Hook.

POA, L.
 894 *annua*, L.
 895 *serotina*, Ehrhart.
 896 *pratensis*, L.
 897 *compressa*, L.

FESTUCA, L.
 898 *tenella*, Willd.
ovina.
 899 *var. duriuscula*.

BROMUS, L.
 900 *ciliatus*, L.

TRITICUM, L.
 901 *repens*, L.

HORDEUM, L.
 902 *jubatum*, L.

ELYMUS, L.
 903 *Virginicus*, L.
 904 *Canadensis*, L.

GYMNOSTICHUM, SCHREB.
 905 *Hystrix*, Schreb.

AIRA, L.
 906 *flexuosa*, L.

DANTHONIA, DC.
 907 *spicata*, Beauv.

AVENA, L.
 908 *striata*, Michx.

HIEROCHLOA, Gmelin.
 909 *borealis*, Rœm & Sch.
 910 *alpina*, Rœm. & Sch.

PHALARIS, L.
 911 *arundinacea*, L.

PANICUM, L.
 912 *capillare*, L.
 913 *virgatum*, L.
 914 *dichotomum*, L.
 915 *depauperatum*,
 Muhl.

ANDROPOGON, L.
 916 *furcatus*, Muhl.

EQUISETACEÆ.

EQUISETUM, L.
 917 *arvense*, L.
 918 *sylvaticum*, L.
 919 *limosum*, L.
 920 *hyemale*, L.
 921 *scirpoides*, Michx.

FILICES.

POLYPODIUM, L.
 922 *vulgare*, L.
 923 *Phegopteris*, L.
 924 *Dryopteris*, L.
 STRUTHIOPTERIS, Willd.
 925 *Germanica*, Willd.

PTERIS, L.
 926 *aquilina*, L.

ADIANTUM, L.
 927 *pedatum*, L.

WOODWARDIA, SMITH.
 928 *Virginica*, Willd.

ASPLENIUM, L.
 929 *Felix-icemina*,
 R. Brown.

DICKSONIA, L'HER.
 930 *punctilobula*, Hook.

WOODSIA, R. BROWN.
 931 *Ilvensis*, R. Brown.

ASPIDIUM, SWARTZ.
 932 *Thelypteris*, Swartz.
 933 *Novboracense*,
 Willd.

934 *spinulosum*, Swartz.
 935 *cristatum*, Swartz.
 936 *marginale*, Swartz.
 937 *acrostichoides*,
 Swartz.

ONOCLEA, L.
 938 *sensibilis*, L.

OSMUNDA, L.
regalis, L.
 939 *var. spectabilis*.

940 *Claytoniana*, L.
 941 *cinnamomea*, L.
 BOTRYCHIUM, SWARTZ.
 942 *lunarioides*, Swartz.
 943 *Virginicum*, Swartz.

LYCOPODIACEÆ.

LYCOPODIUM, L.
 944 *lucidulum*, Michx.
 945 *Selago*, L.
 946 *inundatum*, L.
 947 *annotinum*, L.
 948 *var. pungens*,
 Spring.

949 *dendroideum*, Michx.
 950 *clavatum*, L.

951 *complanatum*, L.
 SELAGINELLA, BEAUV.

952 *rupestris*, Spring.

LIST A, Plants Introduced into the State.

RANUNCULACEÆ.

AQUILEGIA, TOURN.
953 vulgaris, L.
DELPHINIUM, TOURN.
954 Consolida, L.

MAGNOLIACEÆ.

LIRIODENDRON, L.
955 Tulipifera, L.

PAPAVERACEÆ.

PAPAVER, L.
956 Somniferum, L.
CHELIDONIUM, L.
957 majus, L.

FUMARIACEÆ.

FUMARIA, L.
958 officinalis, L.

CRUCIFERÆ.

NASTURTIUM, R. Br.
959 officinale, R. Br.
960 Armoracia, Fries.
SISYMBRIUM, L.
961 officinale, Scop.
SINAPIS, TOURN.
962 alba, L.
963 nigra, L.
CAPSELLA, VENT.
964 Bursa-pastoris,

Moench.

RAPHANUS, L.
965 Raphanistrum, L.

HYPERICACEÆ.

HYPERICUM, L.
966 perforatum, L.

CARYOPHYLL- ACEÆ.

DIANTHUS, L.
967 Armeria, L.
SAPONARIA, L.
968 officinalis, L.
VACCARIA, MEDIK.
969 vulgaris, Host.

SILENE, L.

970 indata, Smith.
971 Noctiflora, L.
AGROSTEMMA, L.
972 Githago, L.
ARENARIA, L.
973 serpyllifolia, L.
STELLARIA, L.
974 media, Smith.
CERASTIUM, L.
975 vulgatum, L.
976 viscosum, L.
SPERGULA, L.
977 arvensis, L.
SCLERANTHUS, L.
978 annuus, L.

PORTULACACEÆ.

PORTULACA, TOURN.
979 oleracea, L.

MALVACEÆ.

ALTHEA, L.
980 officinalis, L.
MALVA, L.
981 rotundifolia,
982 sylvestris, L.
983 moschata, L.
SIDA, L.
984 spinosa, L.

LINACEÆ.

LINUM, L.
985 usitatissimum, L.

RHAMNACEÆ.

RHAMNUS, TOURN.
986 catharticus, L.

CELASTRACEÆ.

EUONYMUS, TOURN.
987 atropurpureus,
Jacq.

SAPINDACEÆ.

ÆSCULUS, L.
988 Hippocastanum, L.

LEGUMINOSÆ.

GENISTA, L.
989 tinctoria, L.
TRIFOLIUM, L.
990 arvense, L.
991 pratense, L.
992 agrarium, L.
993 procumbens, L.
MELILOTUS, L.
994 officinalis, Willd.
MEDICAGO, L.
995 sativa, L.
996 lupulina, L.
ROBINIA, L.
997 pseudacacia, L.
998 hispida, L.
WISTARIA, NUTT.
999 frutescens, DC.
VICIA, TOURN.
1000 sativa, L.
1001 tetrasperma, L.
1002 hirsuta, Koch.
GLEDITSCHIA, L.
1003 triacanthos, L.

ROSACEÆ.

PRUNUS, L.
1004 spinosa, L.
CALYCANTHUS, L.
1005 floridus, L.
ROSA, TOURN.
1006 rubiginosa, L.
CRATÆGUS, L.
1007 Oxycantha, L.

LYTHRACEÆ.

LYTHRUM, L.
1008 hyssopifolia, L.

CRASSULACEÆ.

SEDUM, L.
1009 telephium, L.

UMBELLIFERÆ.

DAUCUS, TOURN.
1010 Carota, L.
PASTINACA, TOURN.
1011 sativa, L.

CONIUM, L.

1012 maculatum, L.

RUBIACEÆ.

GALIUM, L.

1013 verum, L.

DIPSACEÆ.

DIPSACUS, TOURN.

1014 sylvestris, Mill.

COMPOSITÆ.

TUSSILAGO, TOURN.

1015 farfara, L.

BELLIS, L.

1016 perennis, L.

INULA, L.

1017 Helenium, L.

XANTHIUM, TOURN.

1018 spinosa, L.

RUDBECKIA, L.

1019 hirta, L.

COREOPSIS, L.

1020 verticillata, L.

MARUTA, CASS.

1021 Cotula, DC.

LEUCANTHEMUM, TOURN.

1022 vulgare, Lam.

MATRICARIA, TOURN.

1023 Parthenium, L.

TANACETUM, L.

1024 vulgare, L.

ARTEMISIA, L.

1025 vulgaris, L.

1026 Absinthium, L.

SENECIO, L.

1027 vulgaris, L.

CENTAUREA, L.

1028 cyanus, L.

CIRSIIUM, TOURN.

1029 lanceolatum, Scop.

1030 arvense, Scop.

LAPPA, TOURN.

1031 major, Gærtn.

CICHORIUM, TOURN.

1032 Intybus, L.

LEONTODON, L.

1033 Autumnale, L.

SONCHUS, L.

1034 oleraceus, L.

1035 asper, Vill.

CAMPANULACEÆ.

CAMPANULA, TOURN.

1036 medium, L.

PLANTAGINACEÆ.

PLANTAGO, L.

1037 major, L.

1038 lanceolata, L.

PRIMULACEÆ.

ANAGALLIS, TOURN.

1039 arvensis, L.

BIGNONIACEÆ.

CATALPA, SCOP.

1040 Bignonioides, Walt.

MAYTYNIA, L.

1041 proboscidea, Glox.

SCROPHULARIACEÆ.

VERBASCUM, L.

1042 Thapsus, L.

1043 Blattaria, L.

LINARIA, TOURN.

1044 vulgaris, Mill.

VERONICA, L.

1045 arvensis, L.

VERBENACEÆ.

VERBENA, L.

1046 officinalis, L.

LABIATÆ.

MENTHA, L.

1047 viridis, L.

1048 piperita, L.

CALAMINTHA, L.

1049 clinopodium, Benth.

MELISSA, L.

1050 officinalis, L.

SALVIA, L.

1051 officinalis, L.

NEPETA, L.

1052 Cataria, L.

1053 Clechoma, Benth.

MARRUBIUM, L.

1054 vulgare, L.

GALEOPSIS, L.

1055 Tetrahit, L.

1056 Ladanum, L.

STACHYS, L.

1057 arvensis, L.

LEONURUS, L.

1058 Cardiaca, L.

LAMIUM, L.

1059 amplexicaule, L.

OCYMUM, L.

1060 Basilicum, L.

BORRAGINACEÆ.

SYMPHYTUM, TOURN.

1061 officinale, L.

ECHINOSPERMUM, SWARTZ.

1062 Lappula, Lehm.

CYNOGLOSSUM, TOURN.

1063 officinale, L.

CONVOLVULACEÆ.

CONVOLVULUS, L.

1064 arvensis, L.

SOLANACEÆ.

SOLANUM, L.

1065 Dulcamara, L.

1066 nigrum, L.

NICANDRA, ADANS.

1067 physaloides, Gærtn.

HYOSCYAMUS, TOURN.

1068 niger, L.

DATURA, L.

1069 Stramonium, Tourn.

OLEACEÆ.

LIGUSTRUM, TOURN.

1070 vulgare, L.

CHENOPODIACEÆ.

CHENOPODIUM, L.

1071 hybridum, L.

1072 urbicum, L.

1073 album, L.

1074 glaucum, L.

1075 botrys, L.

AMARANTACEÆ.

AMARANTUS, L.

1076 hypochondriacus, L.

1077 hybridus, L.

1078 albus, L.

POLYGONACEÆ.

POLYGONUM, L.

1079 orientale, L.

1080 Persicaria, L.

1081 Hydropiper, L.

1082 convolvulus, L.

FAGOPYRUM, TOURN.

1083 esculentum, Mænch.

1084 Tataricum.

RUMEX, L.

1085 obtusifolius, L.

1086 crispus, L.

1087 sanguineus, L.

1088 acetosella, L.

EUPHORBIACEÆ.

EUPHORBIA, L.

1089 esula, L.

URTICACEÆ.

MORUS, TOURN.

1090 alba, L.

URTICA, TOURN.

1091 dioica, L.

1092 urens, L.

CANNABIS, TOURN.

1093 sativa, L.

SALICACEÆ.

SALIX, TOURN.

1094 viminalis, L.

1095 alba, L.

1096 fragilis, L.

POPULUS, TOURN.

1097 dilatata, Ait.

1098 alba, L.

LILIACÆ.

ASPARAGUS, L.

1099 officinalis, L.

GRAMINEÆ.

PHLEUM, L.

1100 pratense, L.

AGROSTIS, L.

1101 alba, L.

FESTUCA, L.

1102 elatior, L.

ANTHOXANTHUM, L.

1103 odoratum, L.

PANICUM, L.

1104 glabrum, Gaudin.

1105 Crus-galli, L.

SETARIA, BEAUV.

1106 glauca, Beauv.

1107 viridis, Beauv.

PORTLAND
SOCIETY OF NATURAL HISTORY.

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EDWARD GOULD, Treasurer.

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PUBLICATIONS OF THE SOCIETY.

PROCEEDINGS, Vol. I., Part 1, pp. 96, and Part 2, pp. 97—128, already issued. Part 2, pp. 128—200, to be issued immediately. Price, \$1.00 for the Volume.

JOURNAL, Vol. I., Part 1: Observations on the Terrestrial Pulmonifera of Maine, by E. S. MORSE. Paper. Finely illustrated with plates of dentition, etc., \$1.00.

APRIL, 1868.

Address

SECRETARY P. S. N. H.



SPECIAL APPEAL.

THE PORTLAND SOCIETY OF NATURAL HISTORY takes this method of announcing that it is ready to receive gifts of any objects of Natural History, and that it solicits contributions from every part of the State. In future it proposes to devote itself almost exclusively to the illustration of the resources and productions of Maine, and will admit general or foreign collections only as they may be necessary as a means of education in the typical facts of science. By the kindness of the City Government of Portland, ample room for Laboratory, Cabinets, and Library, has been granted in the New City Building, and the apartments are thrown open to the public on appointed days. This appeal is made to the citizens of the State to send from their neighborhood all specimens, even the most ordinary, which may serve to exhibit the Natural History of the region. For the sake of more exactly defining what is required, it may be said that any of the following objects will be acceptable:

1. Minerals, Rocks, and Marls.
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3. Shells: Marine, Land or Fresh Water.
4. Coral, Sponges, and Sea-weeds.
5. Insects, Snakes, Turtles, and Lizards.
6. Birds, and their Nests and Eggs.
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The Society is prepared to furnish, on application, the Pamphlet issued by the Smithsonian Institution, on the Collection and Preservation of Objects of Natural History, and also the Circular in reference to collecting the Nests and Eggs of North American Birds.

It will also supply *Named Collections* of objects in the various departments of Natural History, to Schools and Public Institutions, as fast as the condition of its Cabinets will allow. At present it has only Marine Shells, Land and Fresh Water Shells, and the Post-Pleiocene Fossils of Portland and vicinity, in arrangement for distribution.

All are respectfully invited to aid in the Society's work, and share in its benefits. For the third time, with unabated courage, the labor twice before interrupted is resumed. All that is needed is the zealous co operation of the citizens and friends of public education throughout the State.

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